

# HENRY CASTILLO

Front-End Software Engineer

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## Education

Pratt Institute

Master of Science in Information Experience Design | GPA: **3.8** / 4.0

01/2022 - Present

Bosque University

Bachelor of Science in Industrial Engineering | GPA: **3.5** / 4.0

01/2010 - 08/2015

Coursera, taught by Meta

Front-End Developer

04/2023

Courser, taught by IBM

Full-Stack Developer

05/2023

## Projects

NYC Public School

Food Pantry Website

Developed a user-friendly website enabling pre-orders from a public school food pantry in NYC. Utilized React for front-end, PHP for back-end, and SQL for database design. Users could seamlessly browse available items and place orders ahead of time.

NYC Public School

RDB Database Design for Improvement

Designed a robust relational database to enhance operational efficiency in a public school setting. Proficient in SQL and visualized concepts using Lucid chart to create a structured database system catering to unique school needs.

Capstone Project Full-Stack

Car Dealership Database on IBM Cloud using Django

Created an advanced capstone project involving a database solution for a car dealership on IBM Cloud using Django framework. Integrated serverless functions and applied responsive UI design with Bootstrap for efficient inventory, sales, and customer management.

Capstone Project Front-End Developer

Restaurant Reservation System using React

Developed a dynamic capstone project involving a restaurant reservation system with React for seamless table bookings. Ensured compatibility across devices with responsive design. Proficient in front-end development and user-centered design principles.

NYC Health Department

NYC Restaurant Violations Analysis with Python, Plotly, and Dash

Conducted in-depth analysis of NYC restaurant violations using Python, Plotly, and Dash for data visualization. Transformed raw data into interactive graphs, offering valuable insights. Proficient in Python programming, data analysis, and visualization.

## Skills

Programming Languages: JavaScript (ES6) • TypeScript • CSS • HTML • PHP • Python

Frameworks:


React • Vue.js • Svelte • Ember.js • Backbone.js • PReact • Next.js • Nuxt.js • Gatsby • Meteor • Polymer • Lit • Aurelia • Stencil • Riot.js • Alpine.js • Mithril • Knockout • Inferno • Quasar • Bootstrap • Tailwind CSS • Material UI • Bulma • Foundation • Semantic UI • Ant Design • Chakra UI • Vuetify


Tools & Platforms:


Node.js • Git • Github • GitLab • Bitbucket • Docker • Kubernetes • AWS (Amazon Web Service) • Microsoft Azure • Google Cloud Platform • Heroku • Jenkins • CircleCI • Travis CI • Jira • Trello • Asana • PyCharm • MySQL • PostgreSQL • MongoDB • SQLite • Mobile Development • Front-end • Android • IOS

Design: Figma • Canva • Adobe XD • InVision • Axure RP • Balsamiq • Marvel • Proto.io • UXPin • Lunacy • Gravit Designer

## Interests & Hobbies

 Soccer and tennis

 Hiking and Traveling

 Learning new things